YONATHAN ZETUNE

yonathan@zetune.com | (972) 207-8748

github.com/yonathanzetune | linkedin.com/in/yzetune | yonathanzetune.com

EDUCATION

Texas A&M University	**Bachelor of Science, Interdisciplinary Engineering**	**May 2022**
College Station, Texas	*Minors: Computer Science and Cybersecurity*	
	Additional Focus: Industrial and Systems Engineering	

Relevant Coursework

Introduction to Programming Design and Concepts	Data Structures and Algorithms
Discrete Structures for Computing	Computer Organization

EXPERIENCE

Google — *Software Engineering Intern | Cloud Operations Management Team*
Summer 2021 - Cambridge, Massachusetts (Remote)
- Developed a tool to measure absolute coverage of integration tests for frontend GCP applications
- Created a server that intercepts UI element data points
- Designed diffing algorithm to compare integration test data to expected user application interactions
- Analyzed gaps in coverage of integration tests to automatically suggest improvements

American Express — *Software Engineering Intern | Database Engineering Team*
Summer 2020 - Phoenix, Arizona (Remote)
- Developed a React app with Couchbase, Cassandra, and MongoDB SDK endpoints
- Supported performance, endurance, and N1QL query triggers to view run times and responses
- Integrated Okta sign-in using Spring Boot to enhance internal security and access
- Implemented UI unit tests using Jest and Enzyme and built on Jenkins

Facebook University via CodePath — *Teaching Assistant (Android) | Instructional staff*
Summer 2020 - Menlo Park, California (Remote)
- Mentored Facebook University interns with respect to Android concepts and programming questions
- Guided students building Twitter and Instagram clones with Parse and Twitter API endpoints
- Debugged projects and advised students on proper code structure and mobile development practices

The Washington Post — *Software Engineering Intern | Android Mobile Team*
Summer 2019 - Washington, D.C.
- Worked on Android development team on public-facing mobile news apps
- Implemented new video functionality to support picture-in-picture playback
- Managed projects on Jira with Agile development methodology

PROJECTS

Texas A&M Bus App, iOS/Android
- Developed a mobile application to show live A&M bus data and routes around campus
- Worked to integrate external API for step-by-step directions between locations
- Implemented with Flutter, Redis, Google Maps, and Firebase, reached over 500 active users

Gradebook iOS App
- Created a mobile gradebook client to help over 7,000 students track their grades
- Designed a custom web parser to extract information and display to the user

LEADERSHIP

Aggie Coding Club — *Workshops Chair*
May 2019 - Present
- Led workshops to more than 100 students interested in computer science
- Taught relevant and new technologies including APIs, mobile development, version control, and databases

Theta Tau — *Active Member*
August 2018 - Present
- Member of coed engineering fraternity with an emphasis on professional development
- Planned community service and professional education events with other members

SKILLS

C++, Dart, Firebase, Flutter, Fusion 360, Git, Java, JavaScript, MongoDB, Node, OAuth, Python, React, Swift, VBA